

1 We claim:

1 1. A topical composition for reducing skin damage induced by ultraviolet radiation  
2 comprising a jojoba extract, wherein said jojoba extract absorbs ultraviolet radiation at a plurality  
3 of wavelengths between about 290 nanometers and about 400 nanometers.

1 2. The topical composition of claim 1, further comprising at least one other skin  
2 protectant that reduces the skin damage caused by ultraviolet light.

1 3. The topical composition of claim 2, further comprising aminobenzoic acid.

1 4. The topical composition of claim 2, further comprising octyl methoxycinnamate.

1 5. The topical composition of claim 2, further comprising titanium dioxide.

1 6. The composition of claim 1, in an aqueous or non-aqueous solution, suspension, a  
2 water-in-oil or oil-in-water emulsion.

1 7. The composition of claim 1, in a skin toner composition, a moisturizing lotion, a  
2 sun screen composition, a skin cleanser, a hair conditioner, or other skin treatment composition.

1 8. The topical composition of claim 1, further comprising an antioxidant comprising  
2 a ferulic acid moiety in a sufficient amount to reduce reactive oxygen species in the skin when  
3 applied topically.

1 9. The topical composition of claim 1, wherein said jojoba extract is formed by  
2 extracting jojoba plant parts with ethanol.

1 10. The topical composition of claim 9, wherein said jojoba plant parts comprise  
2 jojoba meal.

1 11. The topical composition of claim 10, wherein said jojoba extract is formed by  
2 extracting jojoba meal with a mixture of ethanol and water.

1           12.     The topical composition of claim 11, wherein said jojoba extract is formed by  
2 extracting milled jojoba meal with ethanol.

1           13.     A method to prepare a topical composition for reducing skin damage induced by  
2 ultraviolet radiation, comprising the steps of:

3           providing jojoba plant parts;

4           removing up to about 90 weight percent of the jojoba oil disposed in said jojoba plant  
5 parts;

6           milling said jojoba plant parts;

7           forming a jojoba extract by extracting said milled jojoba plant parts with one or more  
8 polar solvents, wherein said jojoba extract absorbs ultraviolet radiation at a plurality of  
9 wavelengths between about 290 nanometers and about 400 nanometers; and

10          adding at least one other skin protectant that reduces the skin damage caused by  
11 ultraviolet light.

1           14.     The method of claim 13, wherein said one or more polar solvents comprise  
2 ethanol.

1           15.     The method of claim 13, wherein said one or more polar solvents comprise water.

1           16.     The method of claim 15, wherein said jojoba extract comprises a ferulic acid  
2 moiety.